

Project Title	Funding	Strategic Plan Objective	Institution
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$59,443	Q1.S.B	The Children's Hospital of Philadelphia
Gene dosage imbalance in neurodevelopmental disorders	\$689,795	Q1.S.E	Weis Center for Research - Geisinger Clinc
Gene dosage imbalance in neurodevelopmental disorders (supplement)	\$195,000	Q1.S.E	Weis Center for Research - Geisinger Clinc
The impact of uncertainty in genome-wide testing for autism spectrum disorder	\$240,000	Q1.S.E	University of Pennsylvania
Early social and emotional development in toddlers at genetic risk for autism	\$369,179	Q1.L.A	University of Pittsburgh
Sensor-based technology in the study of motor skills in infants at risk for ASD	\$191,070	Q1.L.A	University of Pittsburgh
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	\$30,000	Q1.L.A	University of Pittsburgh
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$600,658	Q1.L.B	Carnegie Mellon University
Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$320,000	Q2.S.A	University of Pennsylvania
Functional circuit disorders of sensory cortex in ASD and RTT	\$254,976	Q2.S.D	University of Pennsylvania
The role of genetics in communication deficits in autism spectrum disorders	\$60,000	Q2.S.D	University of Pennsylvania
Functional neuroimaging of attention in autism	\$192,365	Q2.S.E	Children's Hospital of Philadelphia
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	\$45,000	Q2.S.E	University of Pennsylvania
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$98,087	Q2.S.G	Weis Center for Research - Geisinger Clinc
Functional imaging of flexibility in autism: Informed by SLC6A4	\$132,748	Q2.S.G	Children's Hospital of Philadelphia
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$62,500	Q2.S.G	Weis Center for Research - Geisinger Clinc
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$736,449	Q2.S.G	The Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$217,322	Q2.S.G	The Children's Hospital of Philadelphia
A study of autism	\$162,232	Q2.L.B	University of Pennsylvania
Eye movement dynamics in autism spectrum disorders	\$0	Q2.Other	Carnegie Mellon University
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	\$0	Q2.Other	University of Pittsburgh
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$0	Q2.Other	Carnegie Mellon University

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Novel computational methods for higher order diffusion MRI in autism	\$725,545	Q2.Other	University of Pennsylvania
Exploring the uncanny valley	\$0	Q2.Other	Carnegie Mellon University
Magnetoencephalographic studies of lexical processing and abstraction in autism	\$321,156	Q2.Other	University of Pennsylvania
Collaborative research: Learning complex auditory categories	\$0	Q2.Other	Carnegie Mellon University
Testing the hyperspecificity hypothesis: A neural theory of autism	\$247,018	Q2.Other	Children's Hospital of Philadelphia
Transcriptional responsiveness in lymphoblastoid cell lines	\$0	Q2.Other	University of Pennsylvania
CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
Using high definition fiber tracking to define developmental neurobiologic mechanisms & a neural basis for behavioral heterogeneity	\$25,000	Q2.Other	Carnegie Mellon University
Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
Structural and functional neuroimaging of the auditory system in autism	\$157,905	Q2.Other	Children's Hospital of Philadelphia
Cognitive control of emotion in autism	\$102,638	Q2.Other	University of Pittsburgh
Early life environmental exposures and autism in an existing Swedish birth cohort	\$149,995	Q3.S.H	Drexel University
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) Network	\$2,835,202	Q3.L.A	Drexel University
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	\$40,000	Q3.L.A	Drexel University
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	University of Pittsburgh
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$152,545	Q3.L.B	The Pennsylvania State University
3/3-Sequencing autism spectrum disorder extended pedigrees	\$160,000	Q3.L.B	University of Pennsylvania
Mitochondria and the etiology of autism	\$437,500	Q3.L.B	The Children's Hospital of Philadelphia
A genome-wide search for autism genes in the SSC Pittsburgh	\$50,000	Q3.L.B	University of Pittsburgh
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,020,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$0	Q4.S.B	University of Pennsylvania

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Adverse prenatal environment and altered social and anxiety-related behaviors	\$45,000	Q4.S.B	University of Pennsylvania
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$0	Q4.S.C	Thomas Jefferson University
Efficacy and sustainability of the STAR program	\$0	Q4.S.D	University of Pennsylvania
5/5-Randomized trial of parent training for young children with autism	\$236,220	Q4.S.D	University of Pittsburgh
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$100,000	Q4.S.F	University of Pittsburgh
1/3-Atomoxetine placebo and parent training in autism	\$269,976	Q4.S.F	University of Pittsburgh
Treatment of sleep disturbances in young children with autism	\$214,889	Q4.S.H	University of Pittsburgh
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	\$159,975	Q4.S.H	University of Pennsylvania
Leadership Education in Neurodevelopmental Disabilities	\$26,000	Q4.Other	University of Pennsylvania
Adapting cognitive enhancement therapy for ASD	\$213,586	Q4.Other	University of Pittsburgh
SBIR Phase I: A consumer robot designed to help children with autism spectrum disorders practice critical social skills	\$146,639	Q4.Other	Interbots LLC
Assessing interactive avatars for use with children with autism	\$76,800	Q4.Other	Carnegie Mellon University
Do access barriers to autism care persist despite autism insurance mandate?	\$295,367	Q5.S.A	Pennsylvania State University
The effects of State and Federal insurance policies on quality of care for autism	\$450,534	Q5.S.A	Pennsylvania State University
Increasing ASD screening and referral among NYC's Korean Americans	\$320,320	Q5.L.A	University of Pennsylvania
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	\$199,845	Q5.L.C	Bloomsburg University of Pennsylvania
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$249,958	Q5.L.C	Pennsylvania State University-University Park
Reducing obesity risk in children with developmental disabilities	\$29,999	Q5.L.D	Temple University
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University Of Pittsburgh

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Training school psychologists as specialists in the inclusion of students with autism	\$0	Q5.Other	Lehigh University
Penn State Children's Communicative Competence Project	\$249,996	Q5.Other	Pennsylvania State University-University Park
PA Community on Transition: Achieving outcomes through a shared agenda	\$0	Q6.L.A	Pennsylvania Office of Vocational Rehabilitation - Department of Labor & Industry
Estimating the economic costs of autism	\$0	Q6.L.D	University of Pennsylvania
Ethics of communicating scientific findings on autism risk	\$0	Q7.E	Drexel University School of Public Health
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$0	Q7.N	University of Pittsburgh
Autism Treatment Network (ATN) 2011- CHOP	\$0	Q7.N	Children's Hospital of Philadelphia
Creating the Developmental-Behavioral Pediatrics Research Network	\$250,000	Q7.N	Children's Hospital of Philadelphia

